

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:  
BONEFAS et al.

Serial No.: 09/709,487  
Filed: 11/13/00

Group: 2155  
Examiner: BRUCKART, Benjamin R.  
Atty. Docket: 20-570

Title: METHOD AND SYSTEM FOR DEPLOYING CONTENT TO WIRELESS  
DEVICES

**RESPONSE**


Date: February 28, 2007

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313

Further to the Notice of Non-Compliant Appeal Brief mailed February 8, 2007 for the above identified application, attached hereto is a corrected summary of the claimed subject matter of the Appeal Brief originally filed December 20, 2006 as required by 37 CFR 41.37 (c) (1) (v) wherein the claimed invention is now mapped to independent claims 1, 9, 56, 57 and 86 referring to the specification by page, line number and drawings as requested.

If you need anything further, please contact me.

Respectfully submitted,

  
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**(5) SUMMARY OF THE CLAIMED SUBJECT MATTER**

A multitude of wireless handsets, personal data assistants (PDAs), and pagers exist that feature microbrowsers for wireless access to the World Wide Web (Web). Wireless Web development standards are emerging from groups such as the Wireless Access Protocol (WAP) Forum. However, these standards have yet to fully permeate the market. Therefore, handset and PDA manufacturers currently support several different protocols and markup languages. The plethora of protocols and languages create a problem for application developers trying to provide content that can be presented, with some consistency, across the widest range of devices.

Applicants' invention overcomes deficiencies in the prior art through use of a controller that interjects communications between devices and a content provider. In particular, the controller provides formatting functions to format data from the device and the content provider to eliminate the device and the content provider from having to tailor their communications to the entity they are communicating with. The formatting is supplemented with session managing capabilities to fully facilitate communications session management between the device and the content provider.

A system for deploying content to devices is disclosed, as recited by claim 1, comprising a translator 41 operative to receive data sent from devices in order to translate the received data into a standardized format is disclosed at Page 7 lines 13-23 (See Fig. 2). A content provider interface 50 receives data in standardized format and provides content data in standardized format is disclosed at Page 8 lines 1-6. A transformer operative 42 receives said content data and transforms said content data into a format for a particular device is disclosed at Page 11 line 22 through Page 12 line 7. A session manager 120 is provided to examine data content communicated between the one or more devices and the content provider interface and to identify and return state-based information based on interactions between the one or more devices and the content provider is disclosed at Page 17 lines 15-22. The state based information comprising at least one of a hypertext history and a content provider

state maintained for a back-end information source is disclosed at Page 18, lines 4-11).

A method of communicating with devices that use different communication schemes is disclosed, as recited by claim 9, wherein receiving first data from one or more devices and translating the first data into a standardized format is disclosed at Page 7 lines 13-23 (See Fig. 2). Providing the translated data to a content provider interface 50 and receiving second data response from said content provider interface 50 in standardized format is disclosed at Page 8 lines 1-5. Transforming the second data into content type specific forms for one or more devices and forwarding the transformed second data to one or more devices is disclosed at Page 11 line 22 through Page 12 line 7 (See Fig. 4). A session manager 120 is provided to examine data content communicated between the one or more devices and the content provider interface and to identify and return state-based information based on interactions between the one or more devices and the content provider is disclosed at Page 17 lines 15-22. The state based information comprising at least one of a hypertext history and a content provider state maintained for a back-end information source is disclosed at Page 18, lines 4-11.

A method of communicating from a device to a controller using different communication schemes is disclosed, as recited by claim 56, wherein sending first data from one or more devices using one or more transmission formats to a controller is disclosed at Page 11 lines 4-7 (See Fig. 4). Receiving from the controller second data using content specific forms for said one or more devices, wherein said first data is translated by said controller into a standardized format and conveyed to a content provider, receiving the second data by the controller from the content provider in standardized format and transforming by the controller the second data into content specific forms is disclosed at Page 11 line 4 through Page 12 line 7. A session manager 120 is provided to examine data content communicated between the one or more devices and the content provider interface and to identify and return state-based information based on interactions between the one or more devices and the content provider is

disclosed at Page 17 lines 15-22. The state based information comprising at least one of a hypertext history and a content provider state maintained for a back-end information source is disclosed at Page 18, lines 4-11.

A method of transforming data is disclosed, as recited by claim 57, wherein receiving a message, extracting information from the message and selecting transformation specifications based on the extracted information is disclosed at Page 12 lines 8-16 and Page 17 line 14 through Page 18 line 22. A session manager 120 is provided to examine data content communicated between the one or more devices and the content provider interface and to identify and return state-based information based on interactions between the one or more devices and the content provider is disclosed at Page 17 lines 15-22. The state based information comprising at least one of a hypertext history and a content provider state maintained for a back-end information source is disclosed at Page 18, lines 4-11. Applying the selected transformation specifications and state-based information to the data is disclosed at Page 23 lines 9-18 (See Fig. 15).

A system for communicating from a device to a controller using different communication schemes is disclosed, as recited by claim 86, comprising a means for sending first data from one or more devices using one or more transmission formats to a controller is disclosed at Page 13 line 3 through Page 14 line 23 (See Fig. 6). A means for receiving from the controller a second data using content specific forms for the one or more devices is disclosed at Page 13 line 3 through Page 14 line 23. A means for translating the first data by the controller into a standardized format conveyed to a content provider is disclosed at Page 13 line 3 through Page 14 line 23. A means for receiving the second data by the controller from the content provider in the standardized format is disclosed at Page 13 line 3 through Page 14 line 23. A means for transforming by the controller the second data into the content specific forms is disclosed at Page 13 line 3 through Page 14 line 23. A means for session managing to examine data content communicated between the one or more devices and the content provider interface and to identify and return state-based information

based on interactions between the one or more devices and the content provider is disclosed at, e.g., page 17, lines 15-22. The state based information comprising at least one of a hypertext history and a content provider state maintained for a back-end information source is disclosed at, e.g., page 18, lines 4-11.